Steve

STAR Inc.

P.O. Box 2360 • Traverse City • Michigan • 49685-2360 • Telephone (616) 946-7111

June 29, 1995

RECEIVED
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UIC SECTION
EPA — REGION V

Mr. Chad Kincheloe
USEPA - Region 5
77 West Jackson Blvd.
Chicago, IL 60604

RE: KALKASKA OILFIELD SERVICES, INC. -
HOGERHEIDE #1-29 SWD
SEC 29, T27N-R7W, KALKASKA COUNTY
USPEA PERMIT NUMBER MI-079-2D-0001

Dear Mr. Kincheloe:

Kalkaska Oilfield Services, Inc. requests that a modification be granted to the original permit application for the above referenced well that was submitted by Greg Fogle on August 3, 1984. The proposed revision would permit use of the well for disposal of produced brine from various geologic formations for oil and gas wells throughout the State of Michigan. The respective sources of the produced brine, including the producing formation, well name, and a representative brine analysis will continue to be submitted to you for your records. This permit modification is needed for both logistical considerations and operating efficiencies in the brine disposal operation of Kalkaska Oilfield Services, Inc.

Enclosed for your consideration are a revised Attachment H-1 of the original permit application in addition to representative brine analyses for the various producing formations. Please contact me should you have any questions regarding this request.

Sincerely yours,

Ronald R. Suckle

Ronald R. Suckle
President

RRS/smp
Enclosures
CC: Kalkaska Oilfield Services, Inc.

ATTACHMENT H-1

The Hogerheide #1-29 SWD is expected to be utilized to dispose an average of 500 BWPD, with a maximum of 700 BWPD. Injection pressures are expected to average 350 psi with a maximum of 500 psi.

The annulus fluid will be fresh water and Corban, an organic corrosion inhibitor. The primary ingredient in Corban is isopropyl alcohol.

The source of the injected fluids will be various producing oil and gas wells in the State of Michigan. Representative brine analyses for various producing formations are shown in Attachments H-2 through H-8.